



42

SEQUENCE LISTING

<110> SIMS, John E.
SMITH, Dirk E.
BORN, Teresa L.

<120> IL-1 ZETA, IL-1 ZETA SPLICE VARIANTS AND XREC2 DNAS AND POLYPEPTIDES

<130> 2008-US

<140> -to be assigned-

<141> 2000-08-21

<150> 60/112,163

<151> 1998-12-14

<150> 60/146,675

<151> 1999-11-10

<150> PCT/US99/29549

<151> 1999-12-14

<160> 15

<170> PatentIn version 3.1

<210> 1

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<212> DNA

<213> Homo sapiens

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ggacaaagtc atccatccct tcagctgaag aaggagaaac tgatgaagct ggctgcccaa      360
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 Lys Phe Ser Ile His Asp Gln Asp His Lys Val Leu Val Leu Asp Ser
 35 40 45
 Gly Asn Leu Ile Ala Val Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile
 50 55 60
 Phe Phe Ala Leu Ala Ser Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly
 65 70 75 80
 Ser Pro Ile Leu Leu Gly Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys
 85 90 95
 Asp Lys Asp Lys Gly Gln Ser His Pro Ser Leu Gln Leu Lys Lys Glu
 100 105 110
 Lys Leu Met Lys Leu Ala Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe
 115 120 125
 Ile Phe Tyr Arg Ala Gln Val Gly Ser Trp Asn Met Leu Glu Ser Ala
 130 135 140
 Ala His Pro Gly Trp Phe Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro
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 <212> PRT
 <213> Homo sapiens

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Asp	Trp	Ser	Ile	Asp	Ile	Lys	Lys	Tyr	Gln	Val	Leu	Val	Gly	Glu	Pro
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Val	Arg	Ile	Lys	Cys	Ala	Leu	Phe	Tyr	Gly	Tyr	Ile	Arg	Thr	Asn	Tyr
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Ser	Leu	Ala	Gln	Ser	Ala	Gly	Leu	Ser	Leu	Met	Trp	Tyr	Lys	Ser	Ser
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Gly	Pro	Gly	Asp	Phe	Glu	Glu	Pro	Ile	Ala	Phe	Asp	Gly	Ser	Arg	Met
			85						90					95	
Ser	Lys	Glu	Glu	Asp	Ser	Ile	Trp	Phe	Arg	Pro	Thr	Leu	Leu	Gln	Asp
		100						105						110	
Ser	Gly	Leu	Tyr	Ala	Cys	Val	Ile	Arg	Asn	Ser	Thr	Tyr	Cys	Met	Lys
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Val	Ser	Ile	Ser	Leu	Thr	Val	Gly	Glu	Asn	Asp	Thr	Gly	Leu	Cys	Tyr
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145					150					155					160
Glu	Ile	Ser	Cys	Arg	Asp	Ile	Glu	Asp	Phe	Leu	Leu	Pro	Thr	Arg	Glu
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Pro	Glu	Ile	Leu	Trp	Tyr	Lys	Glu	Cys	Arg	Thr	Lys	Thr	Trp	Arg	Pro
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Ser	Ile	Val	Phe	Lys	Arg	Asp	Thr	Leu	Leu	Ile	Arg	Glu	Val	Arg	Glu
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Asp Asp Ile Gly Asn Tyr Thr Cys Glu Leu Lys Tyr Gly Gly Phe Val
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Val Arg Arg Thr Thr Glu Leu Thr Val Thr Ala Pro Leu Thr Asp Lys
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Pro Pro Lys Leu Leu Tyr Pro Met Glu Ser Lys Leu Thr Ile Gln Glu
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Thr Gln Leu Gly Asp Ser Ala Asn Leu Thr Cys Arg Ala Phe Phe Gly
 260 265 270

Tyr Ser Gly Asp Val Ser Pro Leu Ile Tyr Trp Met Lys Gly Glu Lys
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Phe Ile Glu Asp Leu Asp Glu Asn Arg Val Trp Glu Ser Asp Ile Arg
 290 295 300

Ile Leu Lys Glu His Leu Gly Glu Gln Glu Val Ser Ile Ser Leu Ile
 305 310 315 320

Val Asp Ser Val Glu Glu Gly Asp Leu Gly Asn Tyr Ser Cys Tyr Val
 325 330 335

Glu Asn Gly Asn Gly Arg Arg His Ala Ser Val Leu Leu His Lys Arg
 340 345 350

Glu Leu Met Tyr Thr Val Glu Leu Ala Gly Gly Leu Gly Ala Ile Leu
 355 360 365

Leu Leu Leu Val Cys Leu Val Thr Ile Tyr Lys Cys Tyr Lys Ile Glu
 370 375 380

Ile Met Leu Phe Tyr Arg Asn His Phe Gly Ala Glu Glu Leu Asp Gly
 385 390 395 400

Asp Asn Lys Asp Tyr Asp Ala Tyr Leu Ser Tyr Thr Lys Val Asp Pro
 405 410 415

Asp Gln Trp Asn Gln Glu Thr Gly Glu Glu Glu Arg Phe Ala Leu Glu
 420 425 430

Ile Leu Pro Asp Met Leu Glu Lys His Tyr Gly Tyr Lys Leu Phe Ile
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Pro Asp Arg Asp Leu Ile Pro Thr Gly Thr Tyr Ile Glu Asp Val Ala

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Tyr Val Val Arg Arg Gly Trp Ser Ile Phe Glu Leu Glu Thr Arg Leu		
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Arg Asn Met Leu Val Thr Gly Glu Ile Lys Val Ile Leu Ile Glu Cys		
	500	505 510
Ser Glu Leu Arg Gly Ile Met Asn Tyr Gln Glu Val Glu Ala Leu Lys		
	515	520 525
His Thr Ile Lys Leu Leu Thr Val Ile Lys Trp His Gly Pro Lys Cys		
	530	535 540
Asn Lys Leu Asn Ser Lys Phe Trp Lys Arg Leu Gln Tyr Glu Met Pro		
545	550	555 560
Phe Lys Arg Ile Glu Pro Ile Thr His Glu Gln Ala Leu Asp Val Ser		
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Glu Gln Gly Pro Phe Gly Glu Leu Gln Thr Val Ser Ala Ile Ser Met		
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Ala Ala Ala Thr Ser Thr Ala Leu Ala Thr Ala His Pro Asp Leu Arg		
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Ser Thr Phe His Asn Thr Tyr His Ser Gln Met Arg Gln Lys His Tyr		
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Tyr Arg Ser Tyr Glu Tyr Asp Val Pro Pro Thr Gly Thr Leu Pro Leu		
625	630	635 640
Thr Ser Ile Gly Asn Gln His Thr Tyr Cys Asn Ile Pro Met Thr Leu		
	645	650 655
Ile Asn Gly Gln Arg Pro Gln Thr Lys Ser Ser Arg Glu Gln Asn Pro		
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 agcattcatg accaggatca caaagtactg gtccctggact ctgggaatct catagcagtt 240
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 <213> Homo sapiens

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 gataaaaact acatacgccc agagatcttc tttgcattag cctcatcctt gagctcagcc 240
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tctgcggaga aaggaagtcc gattctcctg ggggtctcta aaggggagtt ttgtctctac      180
tgtgacaagg ataaaggaca aagtcatcca tcccttcagc tgaagaagga gaaactgatg      240
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aattgtaatg agcctgttgg ggtgacagat aaatttgaga acaggaaaca cattgaattt      420
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<211> 218

<212> PRT

<213> Homo sapiens

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Pro Leu Glu Pro Gly Pro Ser Leu Pro Thr Met Asn Phe Val His Thr
35              40              45
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Ser Pro Lys Val Lys Asn Leu Asn Pro Lys Lys Phe Ser Ile His Asp
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Gln Asp His Lys Val Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val
65              70              75              80
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Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser
85              90              95
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Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly Ser Pro Ile Leu Leu Gly
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Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln
115             120             125
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Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met Lys Leu Ala
130             135             140
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Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr Arg Ala Gln
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Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe
 165 170 175

Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys
 180 185 190

Phe Glu Asn Arg Lys His Ile Glu Phe Ser Phe Gln Pro Val Cys Lys
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Ala Glu Met Ser Pro Ser Glu Val Ser Asp
 210 215

<210> 9
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 <213> Homo sapiens

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 35 40 45

Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val Pro Asp Lys Asn Tyr
 50 55 60

Ile Arg Pro Glu Ile Phe Phe Ala Leu Ala Ser Ser Leu Ser Ser Ala
 65 70 75 80

Ser Ala Glu Lys Gly Ser Pro Ile Leu Leu Gly Val Ser Lys Gly Glu
 85 90 95

Phe Cys Leu Tyr Cys Asp Lys Asp Lys Gly Gln Ser His Pro Ser Leu
 100 105 110

Gln Leu Lys Lys Glu Lys Leu Met Lys Leu Ala Ala Gln Lys Glu Ser
 115 120 125

Ala Arg Arg Pro Phe Ile Phe Tyr Arg Ala Gln Val Gly Ser Trp Asn
 130 135 140

Met Leu Glu Ser Ala Ala His Pro Gly Trp Phe Ile Cys Thr Ser Cys
 145 150 155 160

Asn Cys Asn Glu Pro Val Gly Val Thr Asp Lys Phe Glu Asn Arg Lys
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Ser Glu Val Ser Asp
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 <213> Homo sapiens

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 35 40 45

Leu Leu Gly Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys Asp Lys Asp
 50 55 60

Lys Gly Gln Ser His Pro Ser Leu Gln Leu Lys Lys Glu Lys Leu Met
 65 70 75 80

Lys Leu Ala Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe Ile Phe Tyr
 85 90 95

Arg Ala Gln Val Gly Ser Trp Asn Met Leu Glu Ser Ala Ala His Pro
 100 105 110

Gly Trp Phe Ile Cys Thr Ser Cys Asn Cys Asn Glu Pro Val Gly Val
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 <212> PRT
 <213> Artificial sequence

<220>
 <223> antigenic peptide used in fusion proteins
 <400> 11

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<210> 12
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 <213> Artificial sequence

<220>
 <223> leucine zipper polypeptide
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Val Gln His Leu Gln Ala Ala Phe Ser Gln Tyr
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<220>
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Arg

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